

ANALYTICA CHIMICA ACTA, VOL. 243 (1991)

AUTHOR INDEX

- Aishima, T.
Discrimination of liquor aromas by pattern recognition analysis of responses from a gas sensor array 293
Al Joboury, M.I., see Hamid, H.A. 239
- Bächmann, K., see Sprenger, U. 191
Baltes, U., see Wienke, D. 311
Barceló, D., see Durand, G. 259
Barker, T.Q., see Buch, R.M. 157
Berrueta, L.A.
—, Fernández, L.A. and Vicente, F.
Fluorescence study of the solubilization of benzo[a]pyrene: application to its detection in coal washing waters 115
Blum, L.J., see Gautier, S.M. 149
Bodalbhai, L.
— and Brajter-Toth, A.
Role of carbonyl sites in the electrochemical response of 2,6-diamino-purin-8-ol 33
Bowers, M.L.
— and Yenser, B.A.
Electrochemical behavior of glassy carbon electrodes modified by electrochemical oxidation 43
Brajter-Toth, A., see Bodalbhai, L. 33
Buch, R.M.
—, Barker, T.Q. and Rechnitz, G.A.
Intact chemoreceptor biosensors based on Hawaiian aquatic species 157
- Cámara, C., see Carrillo, F. 121
Carrillo, F.
—, Pérez, C. and Cámara, C.
Sensitive spectrofluorimetric determination of aluminium(III) with Eriochrome Red B 121
Casella, I.G.
—, Desimoni, E. and Salvi, A.M.
Chemically modified electrode for the detection of carbohydrates 61
Čénas, N.K., see Staškevičienė, S.L. 167
Chen, C.-Y.
— and Su, Y.-C.
Amperometric L-glutamate sensor using a novel L-glutamate oxidase from *Streptomyces platensis* NTU 3304 9
Chimeg, J., see Dmitriev, S.N. 81
Chimpalee, D., see Thorburn Burns, D. 187
Chimpalee, N., see Thorburn Burns, D. 187
Chung, H.K.
— and Ingle, Jr., J.D.
Fluorimetric kinetic method for the determination of total ascorbic acid with *o*-phenylenediamine 89
- Clapp, P.A.
— and Evans, D.F.
Spectrophotometric determination of hydrogen peroxide with leuco Patent Blue Violet 217
Coulet, P.R., see Gautier, S.M. 149
- Danzer, K., see Wienke, D. 311
Dasgupta, P.K., see Genfa, Z. 207
D'Costa, E.J., see Kulys, J. 173
Desimoni, E., see Casella, I.G. 61
Ditzler, M.A.
—, Spellman, N.T. and Dulac, J.M.
Photometric probe for studying substrate-tether systems 103
Dmitriev, S.N.
—, Shishkina, T.V., Zhuravleva, E.L. and Chimeg, J.
Determination of gold in geological samples by x-ray fluorescence spectrometry after extraction with tributyl phosphate 81
Drungiliene, A., see Kulys, J. 287
Dulac, J.M., see Ditzler, M.A. 103
Dumschat, C.
—, Frömer, R., Rautschek, H., Müller, H. and Timpe, H.-J.
Photolithographically patternable nitrate-sensitive acrylate-based membrane 179
Durand, G.
— and Barceló, D.
Confirmation of chlorotriazine pesticides, their degradation products and organophosphorus pesticides in soil samples using gas chromatography-mass spectrometry with electron impact and positive- and negative-ion chemical ionization 259
- Ebert, B., see Haseloff, R.F. 221
Edgemond, W.S., see Genfa, Z. 207
Einax, J., see Wienke, D. 311
Evans, D.F., see Clapp, P.A. 217
- Fernández, L.A., see Berrueta, L.A. 115
Frömer, R., see Dumschat, C. 179
Furusawa, M., see Kiba, N. 183
- Gamoh, K.
— and Sawamoto, H.
Resolution of amine enantiomers using precolumn derivatization with dansyl-L-proline and reversed-phase liquid chromatography 251
Gautier, S.M.
—, Blum, L.J. and Coulet, P.R.

- Bioluminescence-based fibre-optic sensor with entrapped co-reactant: an approach for designing a self-contained biosensor 149
- Genfa, Z.
—, Dasgupta, P.K., Edgemond, W.S. and Marx, J.N.
Determination of hydrogen peroxide by photoinduced fluorogenic reactions 207
- Hajizadeh, K.
—, Halsall, H.B. and Heineman, W.R.
Gamma-irradiation immobilization of lactate oxidase in poly(vinyl alcohol) on platinized graphite electrodes 23
- Halsall, H.B., see Hajizadeh, K. 23
- Hamid, H.A.
—, Al Joboury, M.I. and Mohammed, A.K.
Determination of thallium by furnace atomic absorption spectrometry 239
- Haraguchi, H., see Munaf, E. 247
- Haseloff, R.F.
—, Ebert, B. and Wischniewsky, G.G.
Reactions of oxygen free radicals with copper complexes in pyridine: differentiation between superoxide and hydroxyl radicals 221
- Hauge, S.
—, Marøy, K. and Thorlacius, A.
Detection of sulphate by flame emission spectrometry 227
- Heineman, W.R., see Hajizadeh, K. 23
- Horval, G.
— and Pungor, E.
Amperometric determination of hydrogen and hydroxyl ion concentrations in unbuffered solutions in the pH range 5–9 55
- Horvat, M.
—, Lupšina, V. and Pihlar, B.
Determination of total mercury in coal fly ash by gold amalgamation cold vapour atomic absorption spectrometry 71
- Huang, B., see Yuan, D. 65
- Huber, C.O., see Hui, B.S. 279
- Hui, B.S.
— and Huber, C.O.
Determination of polar organic compounds by potentiometry at an anodically pretreated nickel oxide electrode 279
- Imasaka, T.
—, Sakaki, K. and Ishibashi, N.
Determination of iron(II) with 2-nitroso-5-diethylaminophenol by thermal lens spectrophotometry using a semiconductor laser as a light source 109
—, see Kawabata, Y. 97
- Ingle, Jr., J.D., see Chung, H.K. 89
- Inoue, Y., see Kiba, N. 183
- Ishibashi, N., see Imasaka, T. 109
—, see Kawabata, Y. 97
- Itoh, H., see Nomura, T. 273
- Janowicz, K., see Kurzawa, Z. 201
- Kawabata, Y.
—, Kumoyama, H., Imasaka, T. and Ishibashi, N.
Kinetic spectrophotometric determination of tetraphenylporphinecobalt(II) based on photochromism of immobilized norbornadiene 97
- Kiba, N.
—, Inoue, Y. and Furusawa, M.
Flow-injection system for the fluorimetric determination of fructose with an immobilized mannitol dehydrogenase reactor 183
- Kulys, J.
— and D'Costa, E.J.
Printed electrochemical sensor for ascorbic acid determination 173
— and Drungiliene, A.
Chemically modified electrodes for the determination of sulphhydryl compounds 287
—, see Staškevičienė, S.L. 167
- Kumoyama, H., see Kawabata, Y. 97
- Kurzawa, J., see Kurzawa, Z. 201
- Kurzawa, Z.
—, Janowicz, K. and Kurzawa, J.
Determination of microgram amounts of thiuram disulphides by means of the induced iodine-azide reaction 201
- Li, H., see Zhou, Y.K. 127
- Liang, G.Y., see Zhou, Y.K. 127
- Linton, R.W., see Ro, C.-U. 139
- Liu, Y., see Zhou, Y.K. 127
- Lupšina, V., see Horvat, M. 71
- Lutter, J., see Schubert, F. 17
- Marøy, K., see Hauge, S. 227
- Marx, J.N., see Genfa, Z. 207
- Mohammed, A.K., see Hamid, H.A. 239
- Müller, H., see Dumschat, C. 179
- Munaf, E.
—, Haraguchi, H. and Takeuchi, T.
Comparative study of copper(II) and cadmium(II) salts as catalytic reagents in the determination of mercury by continuous-microflow cold vapour atomic absorption spectrometry 247
- Musselman, I.H., see Ro, C.-U. 139
- Nomura, T.
—, Tanaka, F., Yamada, T. and Itoh, H.
Electrodeless piezoelectric quartz crystal and its behaviour in solutions 273
- Novič, M.
—, Zupančič-Kralj, L. and Pihlar, B.
Optimization of the two-phase separation process in flow-injection analysis with an electron-capture detection system 131
- Pérez, C., see Carrillo, F. 121
- Pihlar, B., see Horvat, M. 71

- , see Novič, M. 131
Pungor, E., see Horval, G. 55
Rattanaiderom, S., see Thorburn Burns, D. 187
Rautschek, H., see Dumschat, C. 179
Rechnitz, G.A., see Buch, R.M. 157
—, see Wijesuriya, D. 1
Ro, C.-U.
—, Musselman, I.H. and Linton, R.W.
Molecular speciation of microparticles: application of pattern recognition techniques to laser microprobe mass spectrometric data 139
Sakaki, K., see Imasaka, T. 109
Salvi, A.M., see Casella, I.G. 61
Sawamoto, H., see Gamoh, K. 251
Scheller, F., see Schubert, F. 17
Schubert, F.
—, Lutter, J. and Scheller, F.
Augmentation of enzyme electrode sensitivity using biocatalytic preconcentration 17
Shishkina, T.V., see Dmitriev, S.N. 81
Speiser, B.
Electroanalytical simulations. Orthogonal collocation simulation of fast second-order chemical reactions coupled to an electron transfer with a heterogeneous equivalent formulation 301
Spellman, N.T., see Ditzler, M.A. 103
Sprenger, U. and Bächmann, K.
Entwicklung von Fließinjektionsmethoden zur mikrochemischen Bestimmung der freien Wasserstoffionen- und Gesamtwasserstoffionenkonzentration in Regentropfen 191
Staškevičienė, S.L.
—, Čėnas, N.K. and Kulys, J.J.
Reagentless lactate electrodes based on electrocatalytic oxidation of flavocytochrome b_2 167
Su, Y.-C., see Chen, C.-Y. 9
Takeuchi, T., see Munaf, E. 247
Tanaka, F., see Nomura, T. 273
Thorburn Burns, D.
—, Chimpalee, N., Chimpalee, D. and Rattanaiderom, S.
Flow-injection spectrophotometric determination of ascorbic acid by reduction of vanadotungstophosphoric acid 187
Thorlacius, A., see Hauge, S. 227
Timpe, H.-J., see Dumschat, C. 179
Vicente, F., see Berrueta, L.A. 115
Wang, X., see Yuan, D. 65
Wienke, D.
—, Einax, J., Danzer, K. and Baltes, U.
Treatment of a class-in-class modelling problem in chemical pattern recognition 311
Wijesuriya, D.
— and Rechnitz, G.A.
Mixed carbon paste-pea seedling electrochemical sensor for measuring plant growth-regulating activity of amines 1
Wischnewsky, G.G., see Haseloff, R.F. 221
Yamada, T., see Nomura, T. 273
Yang, P., see Yuan, D. 65
Yenser, B.A., see Bowers, M.L. 43
Yuan, D.
—, Wang, X., Yang, P. and Huang, B.
On-line electrolytic dissolution of solid metal samples and determination of copper in aluminium alloys by flame atomic absorption spectrometry 65
Zhou, Y.K.
—, Li, H., Liu, Y. and Liang, G.Y.
Chemiluminescence determination of vitamin B_{12} by a flow-injection method 127
Zhuravleva, E.L., see Dmitriev, S.N. 81
Zupančič-Kralj, L., see Novič, M. 131